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May 12, 1989

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DIVISION OF
OIL, GAS & MINING

DOGMI
MINERALS PROGRAM
FILE COPY

Mr. Frank D. Wicks
Vice President and General Manager
Barrick Mercur Gold Mine
P.O. Box 838
Tooele, Utah 84074

Re: Barrick Mercur
Saddle Dam Catchment Pond
Reliner Approval

Dear Mr. Wicks:

We have reviewed the plan and supporting documentation for the relining of the Saddle dam catchment pond received 11 May 1989. The proposed liner system appears to be adequate. A construction permit is hereby issued as constituted by this letter subject to the following conditions:

- a. Liner material shall meet the minimum requirements of the National Sanitation Foundation Standard No. 54.
- b. HDPE geomembrane field seams shall be nondestructively tested over the entire length by an accepted method.
- c. HDPE geomembrane field seams shall be destructively tested at:
 1. every 500 feet of field seam at the minimum,
 2. each start-up of the welding machine, and
 3. each time a new welder does seaming
- d. HDPE field seam coupons tested at the quality assurance lab shall be adequately cured prior to testing.

The liner system will replace a failed Hypalon liner system in a pond downgradient from the saddle dam. This pond was designed to contain drainage from the saddle dam filter but also contains liquid from seepage which developed above the pond about April 1988.

The liner system consists of Tensor drainage net DN3, 40 mil HDPE synthetic liner, and 12 oz per sq. yd. geotextile.

Please call Charlie Dietz of my staff if there are any questions.

Sincerely,
Utah Water Pollution Control Committee

Don A. Ostler, P.E.
Executive Secretary

w/enclosure

CGD/g

cc: Glenn Eurick, Barrick Mercur
Tooele Co. Health Department w/enclosure
Lowell Braxton, Division of Oil, Gas and Mining